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DPD-3215-59
13 May 1959

MEMORANDUM FOR: Chief, Materiel Branch, DPD-DD/P
THRU : Chief, Aircraft Maintenance Section, DPD-DD/P
SUBJECT : Air Electronics Officer for ZI Detachment

1. The following information is submitted in reply to your request for my recommendations on the requirements for an Air Electronics Maintenance Officer for the proposed ZI detachment:

- a. Rank: Captain or GS-12.
- b. Flight Status: Non-Rated.
- c. AFSC: 3054 or equivalent experience.
- d. Speciality Summary: Able to manage air electronic activities, including installation, operation, maintenance, repair and modification of airborne electronic equipment.
- e. Duties and Responsibilities: (1) Plans and organizes airborne electronic equipment activities: Establishes requirements and procures space and shop equipment such as bench mock-ups, tools, and spare parts. Plans work flow and arranges physical lay-out of shop facilities. Develops and improves methods and procedures for performing such electronic maintenance functions as bench checking, calibration, alignment, installation, operation, inspection, and overhaul of airborne electronic countermeasure devices, radio components, electronic weather equipment and navigational, troop carrier, search, and identification-type radar. (2) Directs airborne electronic operation and maintenance. (3) Coordinates matters pertaining to airborne electronic equipment: Coordinates with operations to insure readiness of electronics equipment in scheduled aircraft. Advises commanders and staff officers of problems affecting operation and maintenance programs and effectiveness of air electronic equipment. (4) Performs technical airborne

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electronic functions: Analyzes capability of airborne radar and radio equipment to meet operating requirements.

f. Special Qualifications: (1) Bachelor's Degree in electrical engineering desirable but not mandatory. (2) A minimum of 18 months' experience in air electronics assignments is mandatory.

2. We have two alternatives in procuring the above individual:

a. Requisition a 3054 from the Air Force; this would take 6-9 months to bring him aboard with the Agency.

b. Utilize an Agency civilian who has all the necessary qualifications. He would be available immediately for assignment.

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3. It is my recommendation that we utilize an Agency civilian. Specifically, I would recommend [redacted] presently assigned to Office of Commo. He is a Reserve Officer with the rank of Captain.

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4. [redacted] is a former Regular Air Force Captain who converted to civilian status about two years ago. His Air Force experience consisted in part as follows:

a. One and one half years as Electronics Officer with 27th Air Division (ADC) at Norton Air Force Base, California.

b. Three years as the Aircraft Electronics Officer (AFSC 3054) with the 7405th Support Squadron at Wiesbaden, Germany. He was responsible for all electronics equipment in three special ELINT aircraft - two C-54's and one C-118 aircraft. He was also responsible for and maintained the electrical control system of one (1) C-54 photographic aircraft, the H-1 compass system, the auto-pilot, etc.

c. One year as the Group Electronics Officer for the 7499th Support Group at Wiesbaden, Germany.

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5. [redacted] is extremely well qualified for this position inasmuch as he has contributed much to the design and configuration of the new ELINT systems in the RB-69 aircraft and is very familiar with

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SUBJECT: Air Electronics Officer for XI Detachment

the problems associated with the electronics of this aircraft. He has had wide experience with the data recording and data reduction functions associated with this aircraft. This is important from the point of view that this is peculiar to the RB-69 aircraft and not generally the type of experience the average Air Force Air Electronics Officer would have.

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6. I have informally discussed the above assignment with Mr. [] and he has expressed a desire that he be actively considered for this job since he has been so closely associated with the RB-69 program. He would like to continue with the program as the Air Electronics Officer. [] is a graduate electrical engineer.

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7. I strongly recommend assigning [] to the proposed 25X1 XI detachment as the Air Electronics Officer.

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SIGNED

Major USAF

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DPD/MB/AMS: [] ngw/4666 (13 May 1959)

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